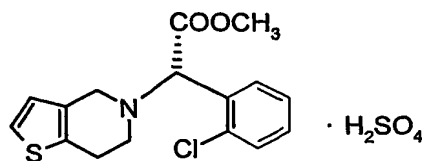


**We claim:**

1. (+)-(S)-Clopidogrel bisulfate Form-I in 99.96 purity and  $[\alpha]_D^{20} = + 51.16^\circ$  at a concentration of 1.61 gm/100 ml methanol and having particle size from about 62 to about 426 microns.
2. Pharmaceutical composition of claim 1.
3. A process for the preparation of (+)-(S)-Clopidogrel bisulfate Form-I, comprising:
  - A) contacting a compound having the formula



(+)-(S)-Clopidogrel bisulfate

- B) with sulfuric acid solution in an acetate solvent for a sufficient time to form (+)-(S)-Clopidogrel bisulfate Form-I; and
  - C) isolating the (+)-(S)-Clopidogrel bisulfate Form-I.
4. The process of claim 3, wherein molar ratio of (+)-(S)-Clopidogrel and concentrated sulfuric acid is about 1:1.
  5. The process of claim 3, wherein the solvent is an acetate solvent.
  6. The process of claim 5, wherein the solvent is ethyl acetate.
  7. The process of claim 3, wherein (+)-(S)-Clopidogrel is seeded with (+)-(S)-Clopidogrel bisulfate Form-I.
  8. The process of claim 7, wherein seeding is between about 1.5 and about 3.5 % by weight of the (+)-(S)-Clopidogrel bisulfate Form-I.
  9. The process of claim 8, wherein the (+)-(S)-Clopidogrel bisulfate Form-I is 2.5 % by weight.
  10. The process of claim 3, wherein sulfuric acid is concentrate.
  11. The process of claim 3, wherein sulfuric acid is added at room temperature.
  12. The process of claim 3, wherein the contacting step is conducted at a reflux temperature.

13. The process of claim 3, wherein (+)-(S)-Clopidogrel is heated between about 30 minutes and about 1.5 hours at a reflux temperature.
14. The process of claim 13, wherein heating time is about 1 hour.
15. The process of claim 3, wherein the mixture is stirred at room temperature for about 45 minutes to about 1.5 hours, after the heating is over.
16. The process of claim 15, wherein the stirring time is about 1 hour.
17. The process of claim 1, wherein purity of (+)-(S)-Clopidogrel bisulfate Form-I is more than 99 %.
18. The process of claim 3, wherein isolated yield is between about 85 and about 95 %.
19. The process of claim 3, wherein isolated yield is about 89 %.